



0610400013seq.txt
SEQUENCE LISTING

<110> Shiau, Andrew
Kushner, Peter
Agard, David
Greene, Geoffrey

<120> Methods and Compounds for Modulating Nuclear Receptor Activity

<130> 061040-0013

<140> US 09/830,693
<141> 2002-01-29

<150> PCT/US99/50658
<151> 1999-03-30

<150> US 60/079,956
<151> 1998-03-30

<150> US 60/113,146
<151> 1998-12-16

<150> US 60/113,014
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Leu	Leu	Glu	Met	Leu
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Thr	Pro	Ala	Ile	Thr	Arg	Val	Val	Asp	Phe	Ala	Lys	Lys	Leu	Pro	Met
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Phe	Cys	Glu	Leu	Pro	Cys	Glu	Asp	Gln	Ile	Ile	Leu	Leu	Lys	Gly	Cys
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Cys

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Leu	Phe	Pro	Pro	Leu	Phe	Leu	Glu	Val	Phe	Glu	Asp
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Thr Pro Ala Ile Thr Arg Val Val Asp Phe Ala Lys Lys Leu Pro Met
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Phe Ser Glu Leu Pro Cys Glu Asp Gln Ile Ile Leu Leu Lys Cys Cys
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Cys

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Leu Phe Pro Pro Leu Phe Leu Glu Val Phe Glu Asp
1 5 10

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Thr Lys Cys Ile Ile Lys Ile Val Glu Phe Ala Lys Arg Leu Pro Gly
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Phe Thr Gly Leu Ser Ile Ala Asp Gln Ile Thr Leu Leu Lys Ala Ala
20 25 30

Cys

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Pro Met Pro Pro Leu Ile Arg Glu Met Leu Glu Asn
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Asp Lys Gln Leu Phe Thr Leu Val Glu Trp Ala Lys Arg Ile Pro His
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Phe Ser Glu Leu Pro Leu Asp Asp Gln Val Ile Leu Leu Arg Ala Gly
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Trp

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Pro Ile Asp Thr Phe Leu Met Glu Met Leu Glu Ala
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Val Glu Ala Val Gln Glu Ile Thr Glu Tyr Ala Lys Asn Ile Pro Gly
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Val

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Ser Tyr Ser Ile Gln Lys Val Ile Gly Phe Ala Lys Met Ile Pro Gly
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Phe Arg Asp Leu Thr Ser Glu Asp Gln Ile Val Leu Leu Lys Ser Ser
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Ala

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Lys Leu Thr Pro Leu Val Leu Glu Val Phe Gly Asn
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Asp Arg Glu Leu Val His Met Ile Asn Trp Ala Lys Arg Val Pro Gly
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Phe Val Asp Leu Thr Leu His Asp Gln Val His Leu Leu Glu Cys Ala
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Trp

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Pro Leu Tyr Asp Leu Leu Leu Glu Met Leu Asp Ala
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Gly Arg Gln Val Ile Ala Ala Val Lys Trp Ala Lys Ala Ile Pro Gly
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Phe Arg Asn Leu His Leu Asp Asp Gln Met Thr Leu Leu Gln Tyr Ser
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Trp

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Gly Lys Gln Met Ile Gln Val Val Lys Trp Ala Lys Val Leu Pro Gly
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Glu Phe Pro Ala Met Leu Val Glu Ile Ile Ser Asp
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Glu Arg Gln Leu Val His Val Val Lys Trp Ala Lys Ala Leu Pro Gly
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Phe Arg Asn Leu His Val Asp Asp Gln Met Ala Val Ile Gln Tyr Ser
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Trp

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Asp Phe Pro Glu Met Met Ala Glu Ile Ile Ser Val
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Ser Leu Ala Leu Ser Leu Thr Ala Asp Gln Met Val Ser Ala Leu Leu
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Asp Ala Glu Pro Pro Ile Leu Tyr Ser Glu Tyr Asp Pro Thr Arg Pro
 20 25 30

Phe Ser Glu Ala Ser Met Met Gly Leu Leu Thr Asn Leu Ala Asp Arg
 35 40 45

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Glu Leu Val His Met Ile Asn Trp Ala Lys Arg Val Pro Gly Phe Val
50 55 60

Asp Leu Thr Leu His Asp Gln Val His Leu Leu Glu Cys Ala Trp Leu
65 70 75 80

Glu Ile Leu Met Ile Gly Leu Val Trp Arg Ser Met Glu His Pro Gly
85 90 95

Lys Leu Leu Phe Ala Pro Asn Leu Leu Leu Asp Arg Asn Gln Gly Lys
100 105 110

Cys Val Glu Gly Met Val Glu Ile Phe Asp Met Leu Leu Ala Thr Ser
115 120 125

Ser Arg Phe Arg Met Met Asn Leu Gln Gly Glu Phe Val Cys Leu Lys
130 135 140

Ser Ile Ile Leu Leu Asn Ser Gly Val Tyr Thr Phe Leu Ser Ser Thr
145 150 155 160

Leu Lys Ser Leu Glu Glu Lys Asp His Ile His Arg Val Leu Asp Lys
165 170 175

Ile Thr Asp Thr Leu Ile His Leu Met Ala Lys Ala Gly Leu Thr Leu
180 185 190

Gln Gln Gln His Gln Arg Leu Ala Gln Leu Leu Leu Ile Leu Ser His
195 200 205

Ile Arg His Met Ser Asn Lys Gly Met Glu His Leu Tyr Ser Met Lys
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Cys Lys Asn Val Val Pro Leu Tyr Asp Leu Leu Leu Glu Met Leu Asp
225 230 235 240

Ala His Arg Leu

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Ser Leu Ala Leu Ser Leu Thr Ala Asp Gln Met Val Ser Ala Leu Leu
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Asp Ala Glu Pro Pro Ile Leu Tyr Ser Glu Tyr Asp Pro Thr Arg Pro
20 25 30

Phe Ser Glu Ala Ser Met Met Gly Leu Leu Thr Asn Leu Ala Asp Arg
35 40 45

Glu Leu Val His Met Ile Asn Trp Ala Lys Arg Val Pro Gly Phe Val
50 55 60

Asp Leu Thr Leu His Asp Gln Val His Leu Leu Glu Cys Ala Trp Leu
65 70 75 80

Glu Ile Leu Met Ile Gly Leu Val Trp Arg Ser Met Glu His Pro Gly
85 90 95

Lys Leu Leu Phe Ala Pro Asn Leu Leu Leu Asp Arg Asn Gln Gly Lys
100 105 110

Cys Val Glu Gly Met Val Glu Ile Phe Asp Met Leu Leu Ala Thr Ser
115 120 125

Ser Arg Phe Arg Met Met Asn Leu Gln Gly Glu Glu Phe Val Cys Leu
130 135 140

Lys Ser Ile Ile Leu Leu Asn Ser Gly Val Tyr Thr Phe Glu Glu Lys
145 150 155 160

Asp His Ile His Arg Val Leu Asp Lys Ile Thr Asp Thr Leu Ile His
165 170 175

Leu Met Ala Lys Ala Gly Leu Thr Leu Gln Gln Gln His Gln Arg Leu
180 185 190

Ala Gln Leu Leu Leu Ile Leu Ser His Ile Arg His Met Ser Asn Lys
195 200 205

Gly Met Glu His Leu Tyr Ser Met Lys Cys Lys Asn Val Val Pro Leu
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Tyr Asp Leu Leu Leu Glu Met Leu Asp Ala His Arg Leu
225 230 235

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His Lys Ile Leu His Arg Leu Leu Gln Asp Ser
 1 5 10

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 20 25 30

Ser Glu Ala Ser Met Met Gly Leu Leu Thr Asn Leu Ala Asp Arg Glu
 35 40 45

Leu Val His Met Ile Asn Trp Ala Lys Arg Val Pro Gly Phe Val Asp
 50 55 60

Leu Thr Leu His Asp Gln Val His Leu Glu Cys Ala Trp Leu Glu Ile
 65 70 75 80

Leu Met Ile Gly Leu Val Trp Arg Ser Met Glu His Pro Gly Lys Leu
 85 90 95

Leu Phe Ala Pro Asn Leu Leu Leu Asp Arg Asn Gln Gly Lys Cys Val
 100 105 110

Glu Gly Met Val Glu Ile Phe Asp Met Leu Leu Ala Thr Ser Ser Arg
 115 120 125

Phe Arg Met Met Asn Leu Gln Gly Glu Glu Phe Val Cys Leu Lys Ser
 130 135 140

Ile Ile Leu Leu Asn Ser Gly Val Tyr Thr Phe Leu Ser Ser Thr Leu
 145 150 155 160

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Lys Ser Leu Glu Glu Lys Asp His Ile His Arg Val Leu Asp Lys Ile
165 170 175

Thr Asp Thr Leu Ile His Leu Met Ala Lys Ala Gly Leu Thr Leu Gln
180 185 190

Gln Gln His Gln Arg Leu Ala Gln Leu Leu Leu Ile Leu Ser His Ile
195 200 205

Arg His Met Ser Asn Lys Gly Met Glu His Leu Tyr Ser Met Lys Cys
210 215 220

Lys Asn Val Val Pro Leu Tyr Asp Leu Leu Leu Glu Met Leu Asp Ala
225 230 235 240

His Arg Leu His Ala
245